

Claims

1. A motor-gear unit, having an eccentric wheel gear, driven by a rotary drive (3), which eccentric wheel gear has an eccentric element (8), an eccentric wheel (10) rotatably supported on the eccentric element, and a driver (15), and the driver (15) cooperates with the eccentric wheel (10) by intermittent meshing, further having at least one guide bolt (22), which cooperates with the eccentric wheel (10) and both assures the eccentric motion of the eccentric wheel (10) and prevents an undesired rotation of the eccentric wheel 10,

characterized in that

the eccentric wheel gear is disposed in a free installation space of the rotary drive (3).

2. The motor-gear unit of claim 1, characterized in that the eccentric wheel gear is surrounded by a rotor (3) of the rotary drive.

claim 1
A 3. The motor-gear unit of ~~one of claims 1 or 2~~, characterized in that the at least one guide bolt (22) is disposed on a housing part (20) that divides the free installation space from the rotary drive.

claim 1
A 4. The motor-gear unit of ~~one of claims 1-3~~, characterized in that the at least one guide bolt (22) protrudes into a preferably circular recess (24) on the eccentric wheel (10).

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5. The motor-gear unit of claim 4, characterized in that the inside width of the recess (24) in the eccentric wheel (10) is equivalent to twice the eccentricity of the eccentric element (8).

A ~~6.~~ The motor-gear unit of ~~one of claims 1-5,~~ ^{claim 1} characterized in that a plurality of guide bolts (22) are disposed, preferably symmetrically, about the eccentric wheel (10) on the housing part (20).

A ~~7.~~ The motor-gear unit of ~~one of claims 1-6,~~ ^{claim 1} characterized in that the eccentric wheel (10) has an internal toothing (11).

K ~~8.~~ The motor-gear unit of ~~one of claims 1-7,~~ ^{claim 1} characterized in that the driver (15) has an external toothing (14).

A ~~9.~~ The motor-gear unit of ~~one of foregoing~~ ^{claim 1} ~~claims,~~ characterized in that the rotary drive is an electronically commutated motor.

A ~~10.~~ The motor-gear unit of ~~one of foregoing~~ ^{claim 1} ~~claims,~~ characterized in that the eccentric element (8) is formed directly onto the rotor (3).